



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday November 24, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



SR ROC
REGIONAL OPERATIONS CENTER

- **Severe thunderstorms for OK/AR/N TX/N LA today and for northern/central LA into E AR/E TX tomorrow.**
- **Elevated fire weather conditions for S NM/W TX/SW OK today and for east-central NM tomorrow.**
- **Heavy rain/flooding possible for E&SE TX/LA/S AR Friday into Saturday.**

FEMA Region 6 Threat Matrix

Nov 24, 2020 - Nov 28, 2020



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	OK Eastern TX Panhandle	North & Central LA E AR/ETX			
	AR NTX/N LA				
Heavy Rain / Flash Flooding				E&SE TX/LA/S AR	E&SE TX/LA/S AR
Fire Weather	S NM/W TX/SW OK	east-central NM			
Tropical Winds / Surge					
Winter Weather					
River Flooding				E&SE TX/LA/S AR	E&SE TX/LA/S AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



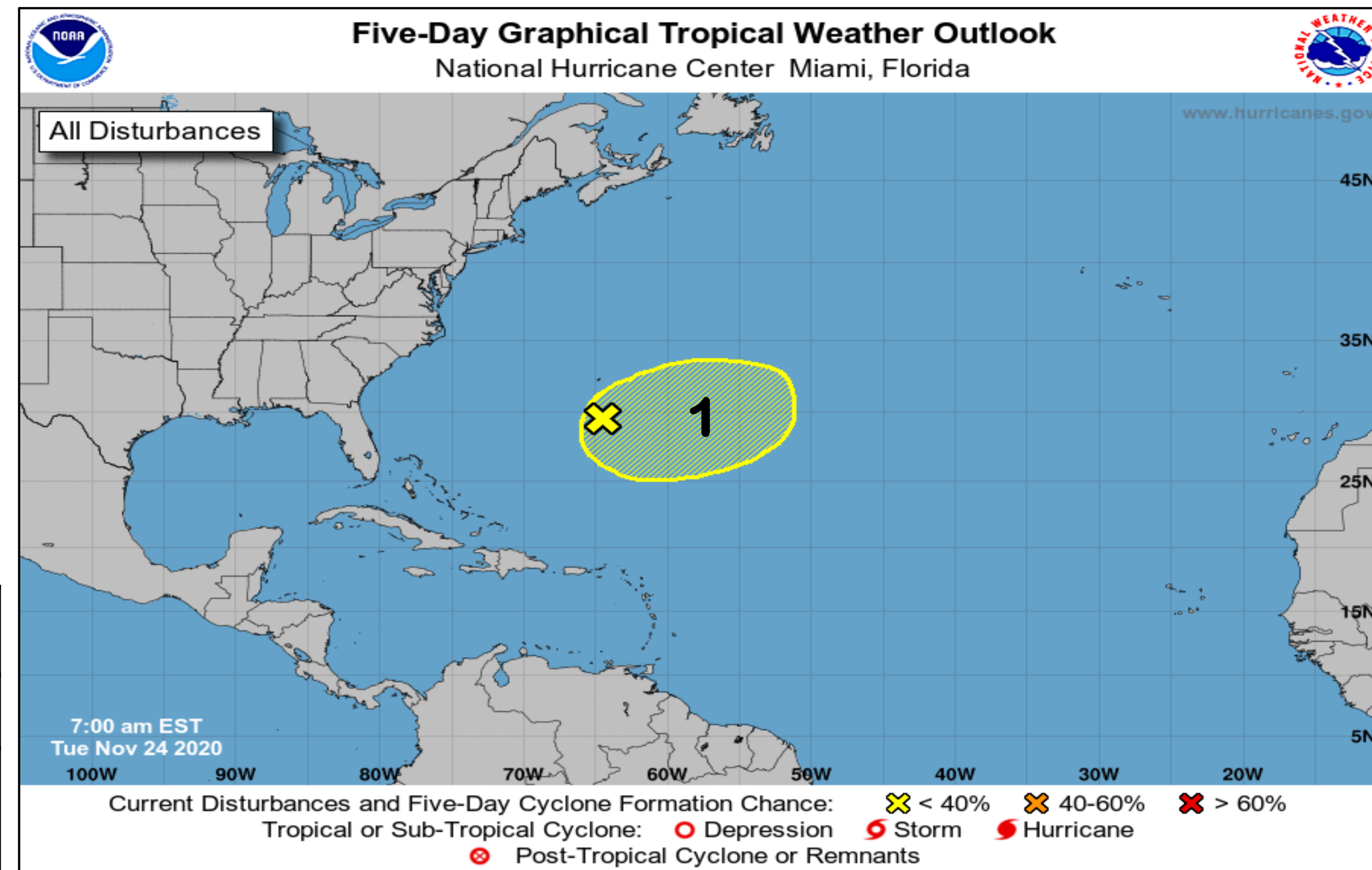
SR ROC
REGIONAL OPERATIONS CENTER

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



5-Day Precipitation Forecast & River Flood Status



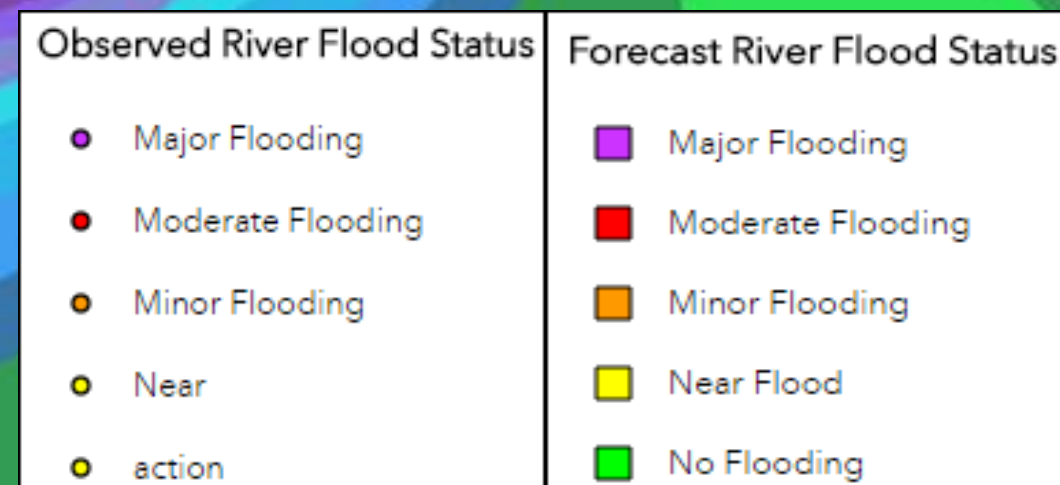
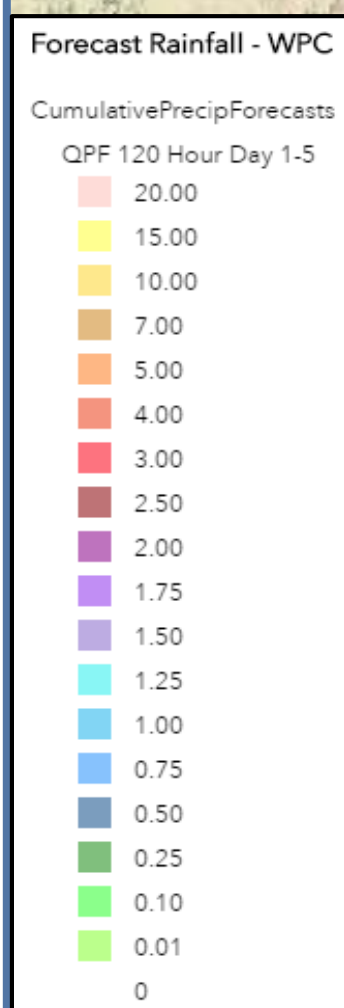
SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

No river flooding is occurring or expected through Thursday.

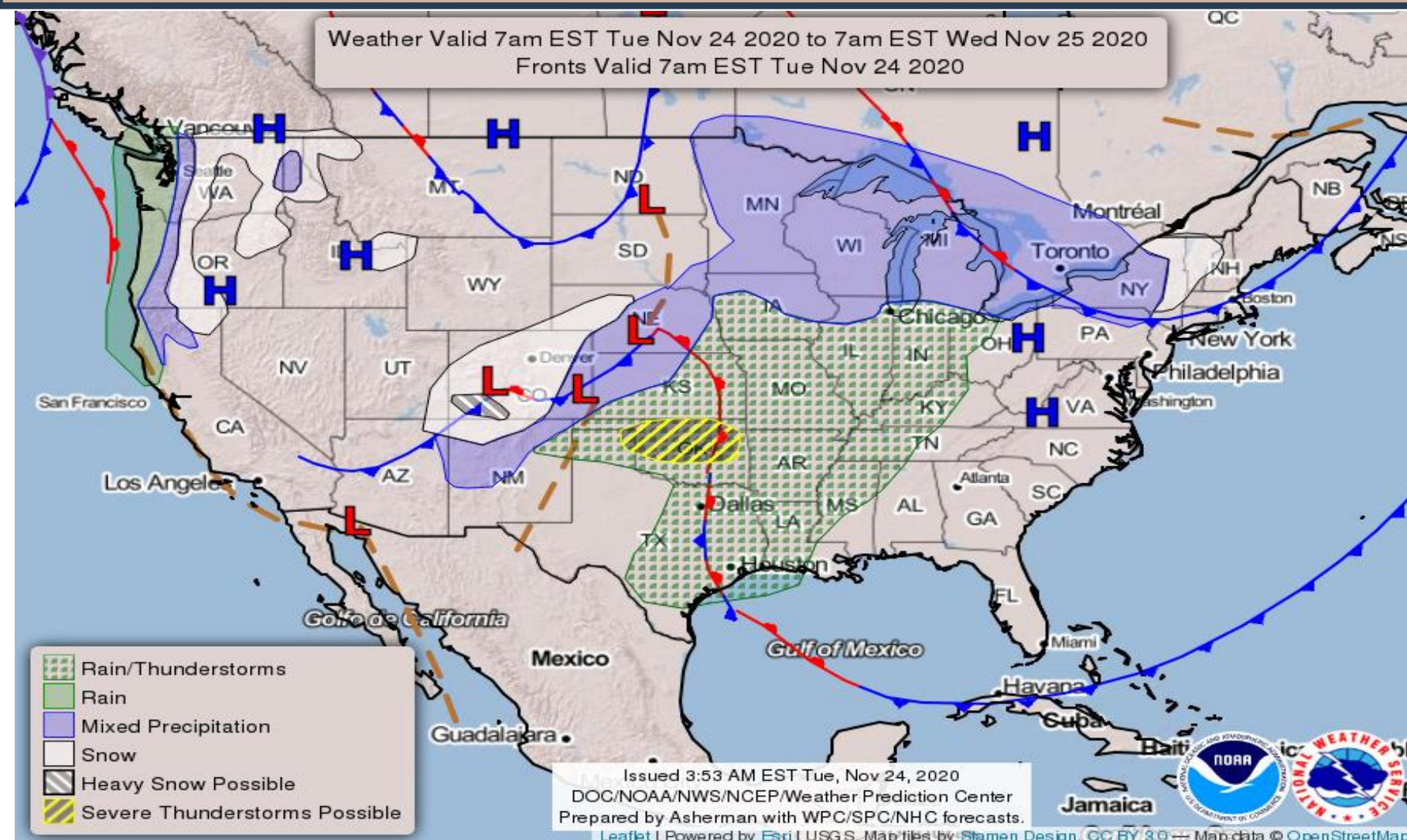
Heavy rain Friday and Saturday may lead to minor river flooding for E&SE TX, LA, and S AR.

Bad Data →

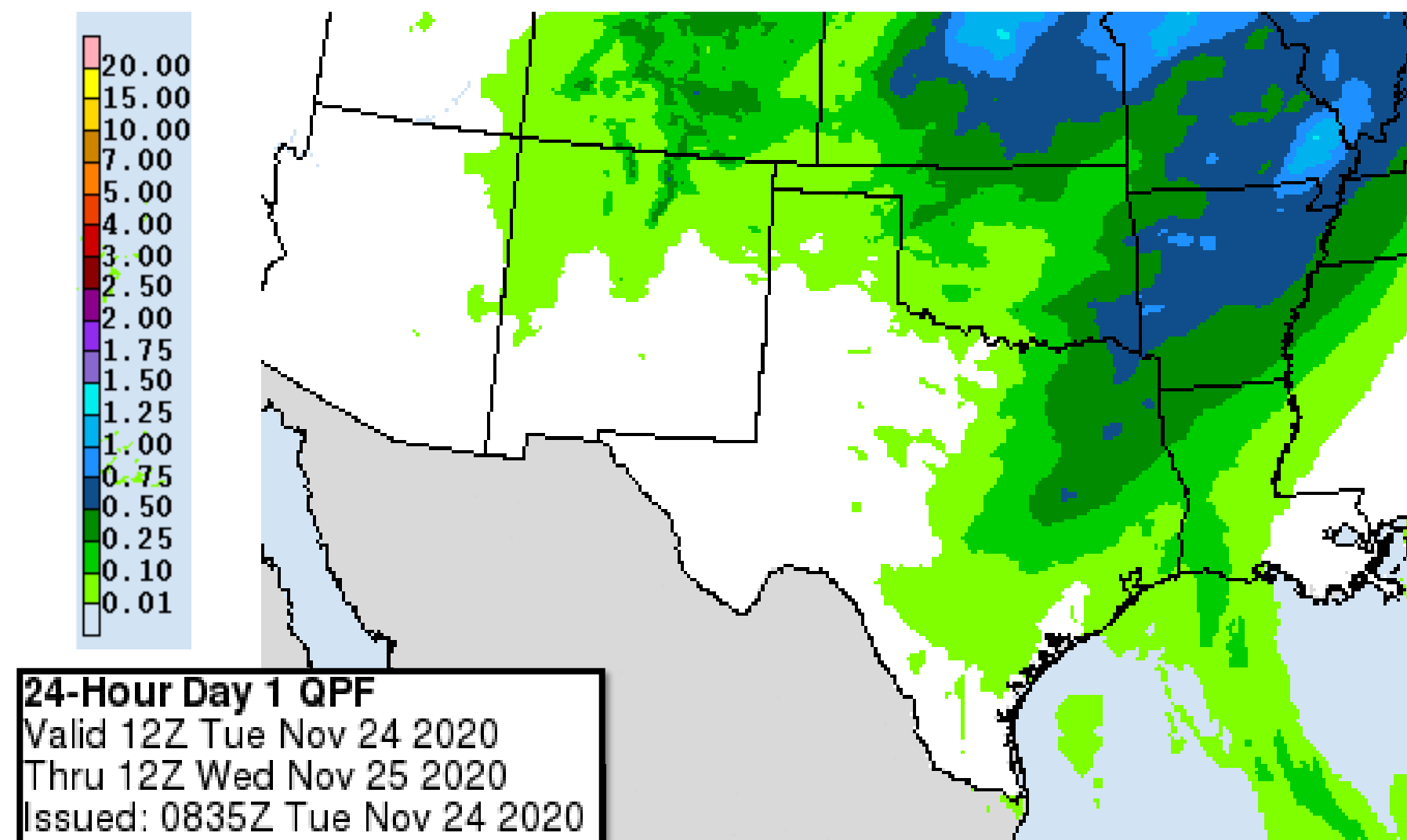


Today's Weather

Forecast Chart

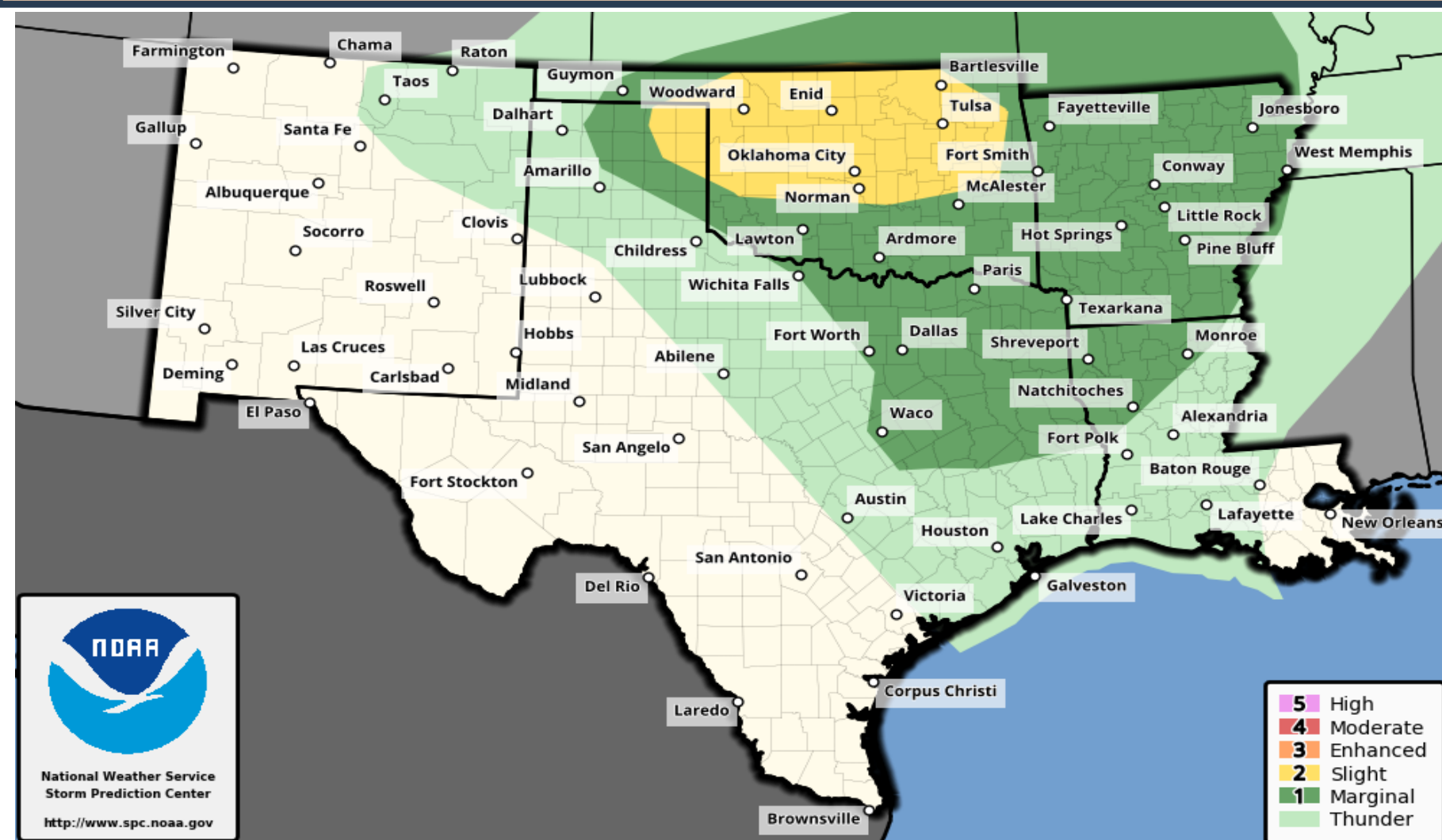


Forecast Rainfall

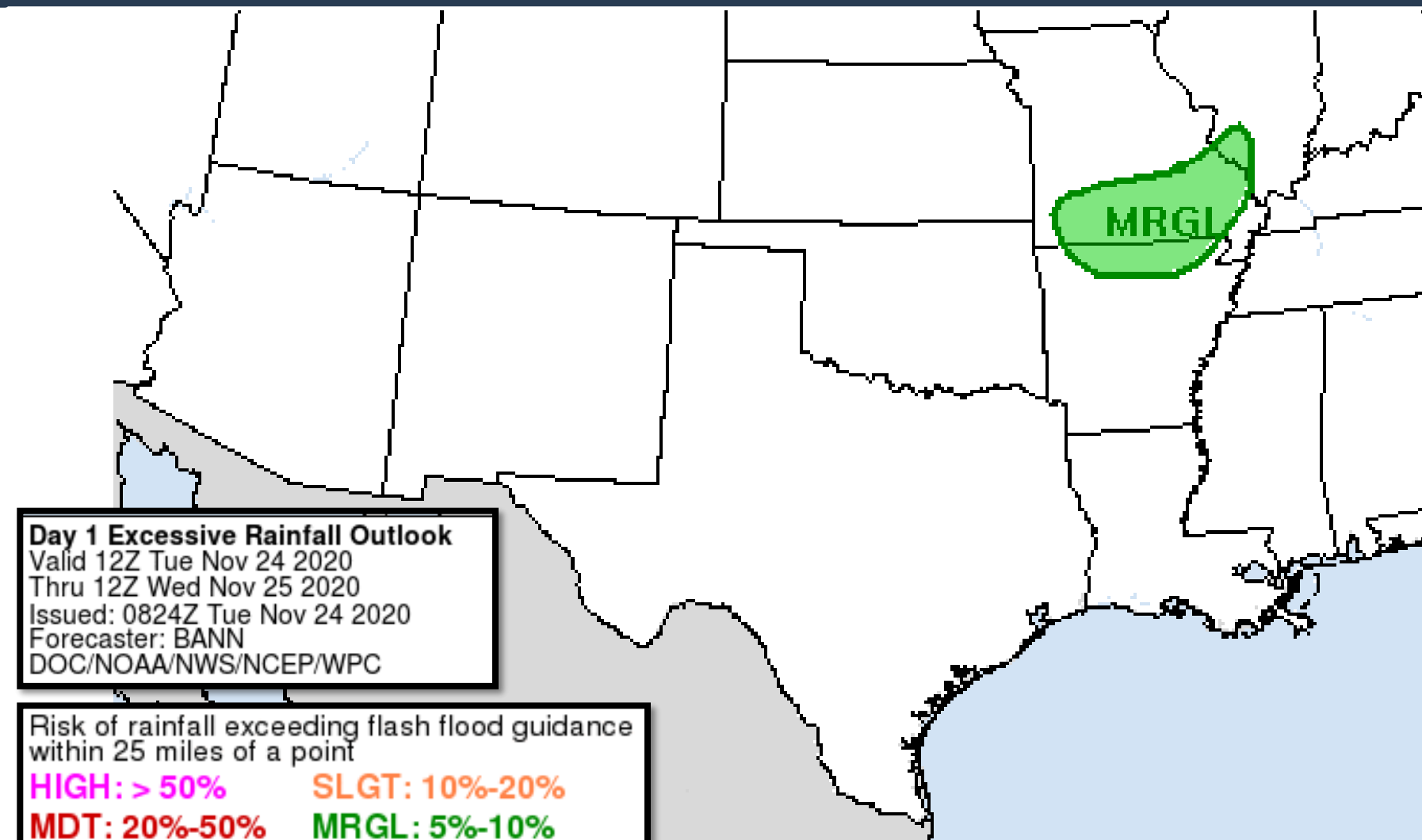


Severe thunderstorms across OK into the eastern TX Panhandle. Damaging winds and large hail are the main threats, but a few tornadoes and very large hail (2" or greater in diameter) are also possible, especially in northwest OK.

Severe Weather Outlook



Excessive Rainfall Outlook

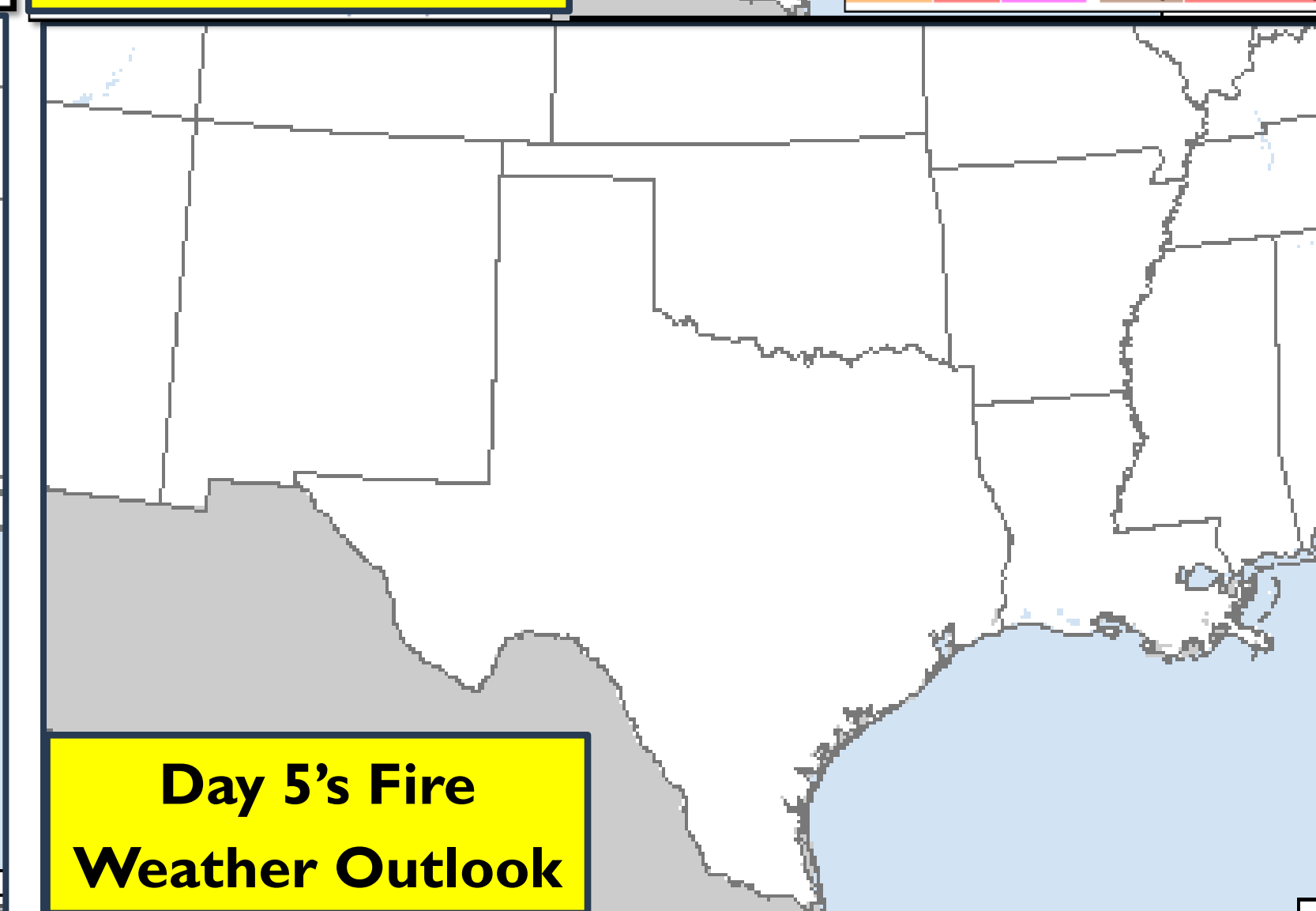
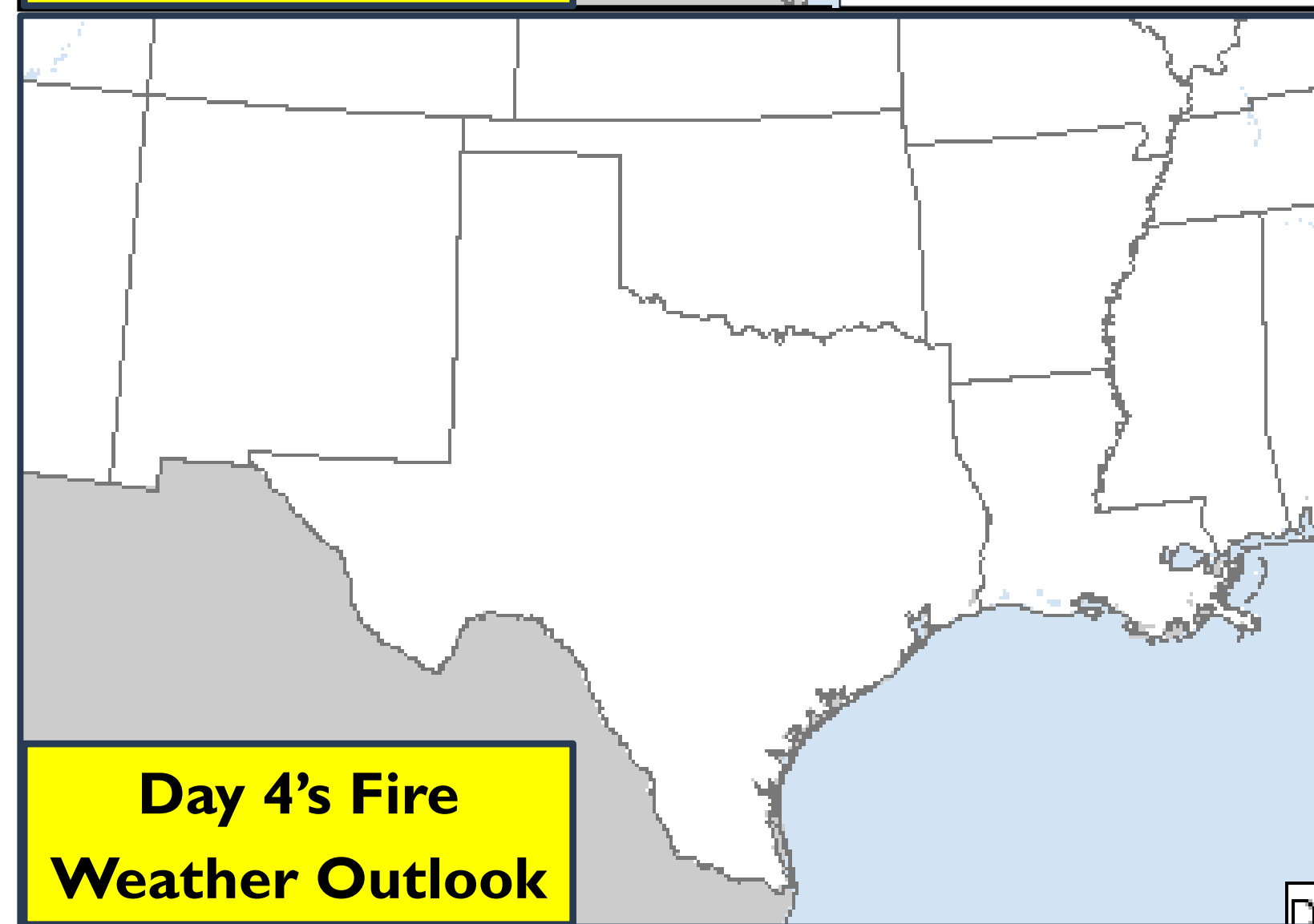
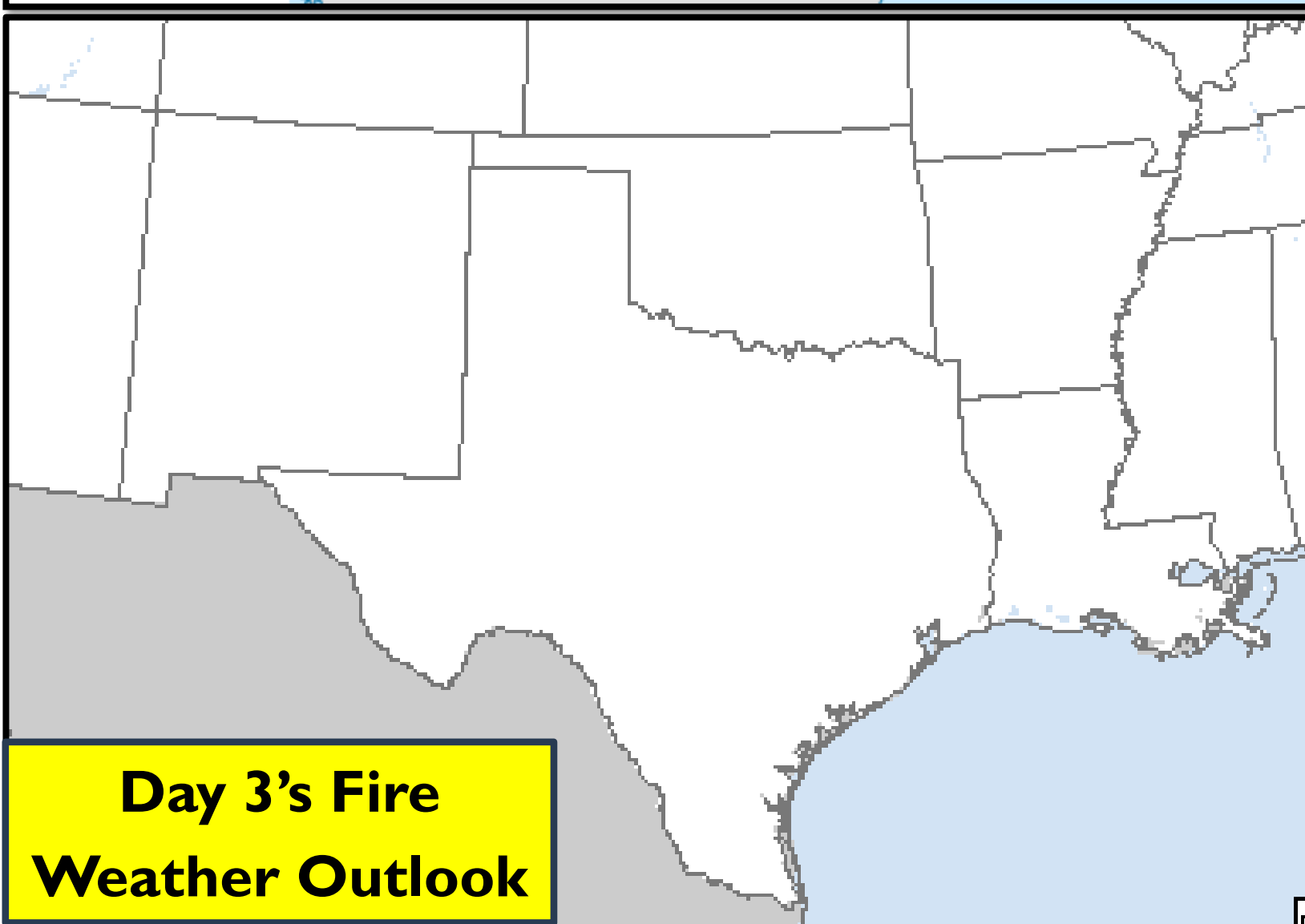
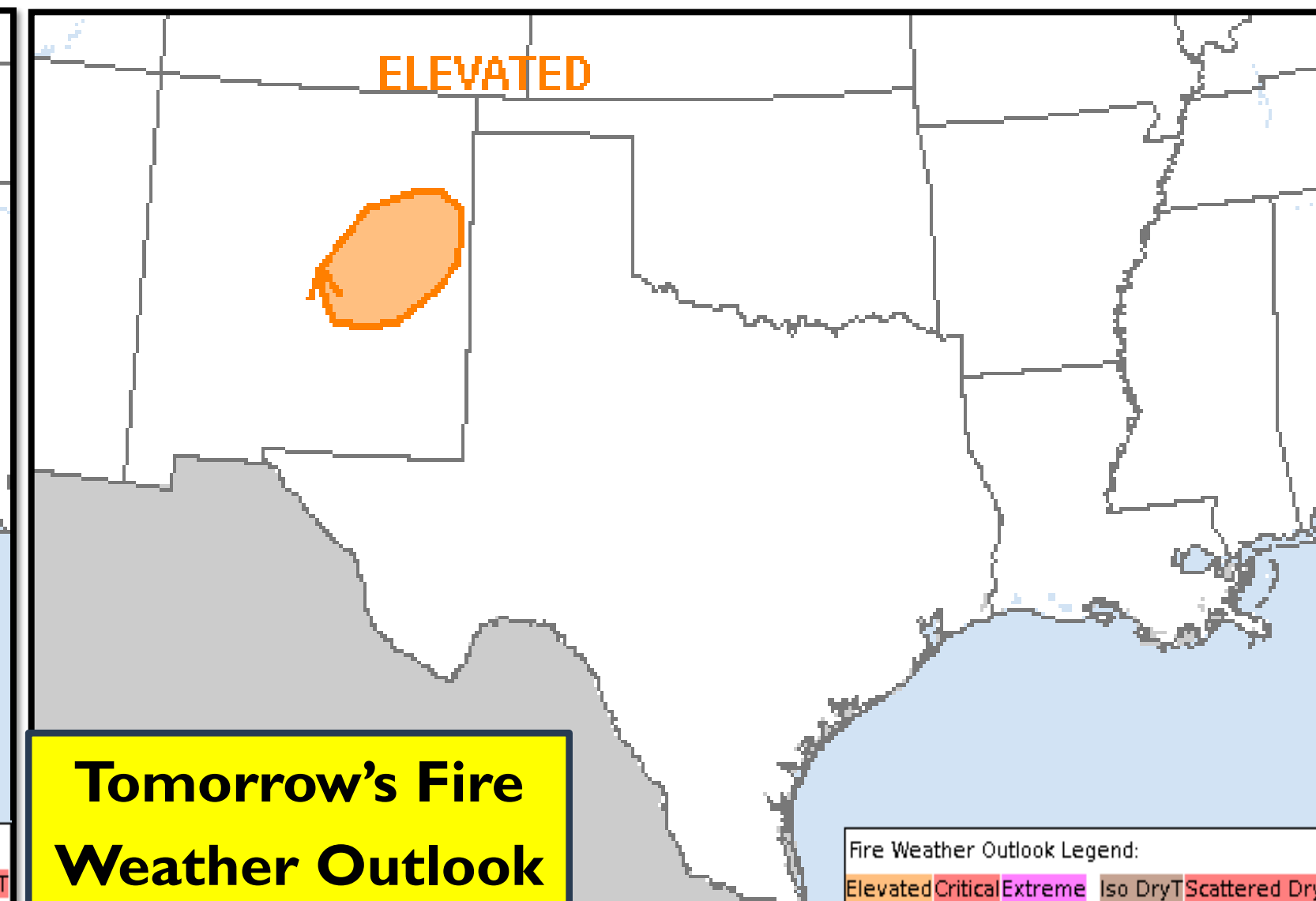
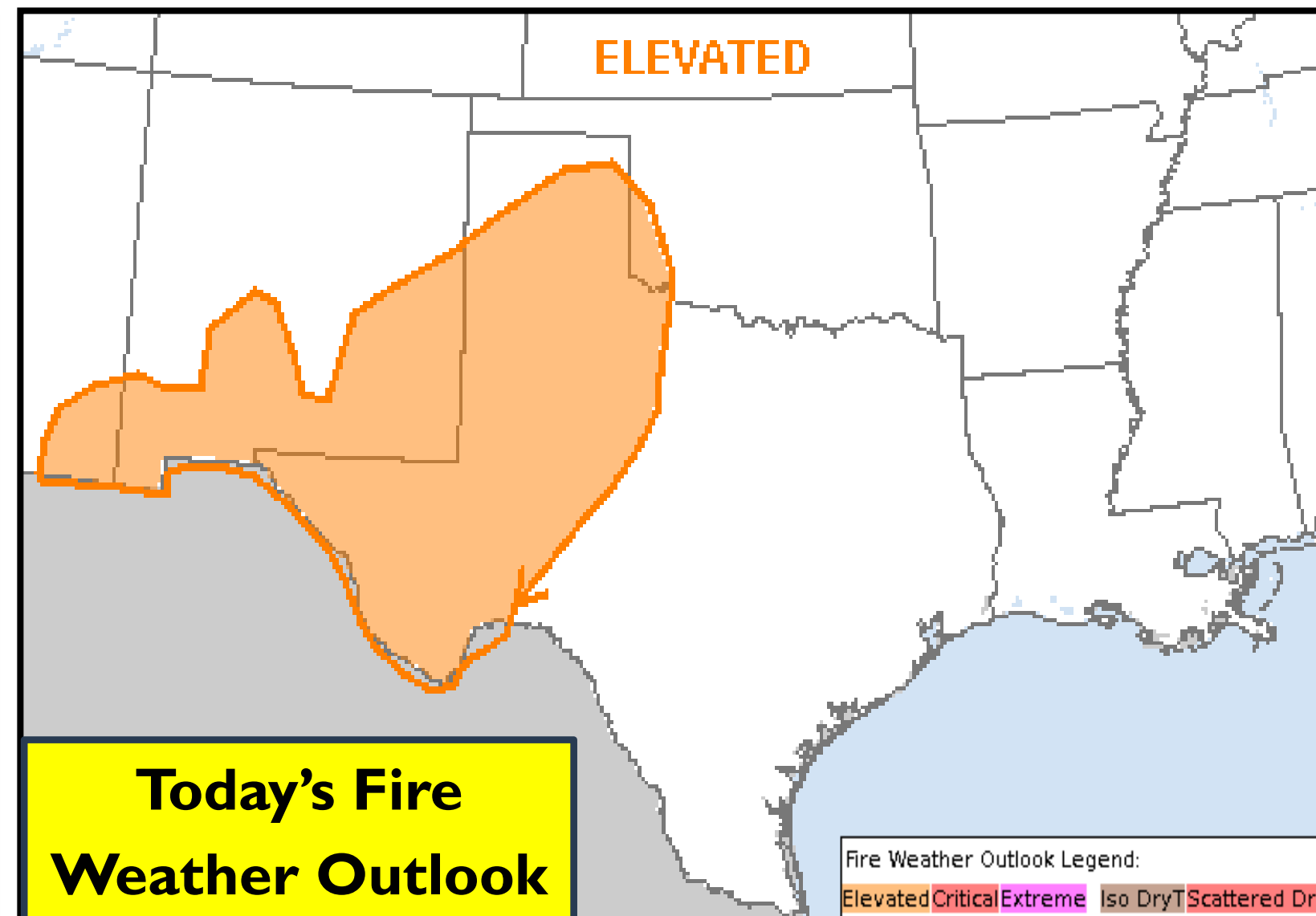
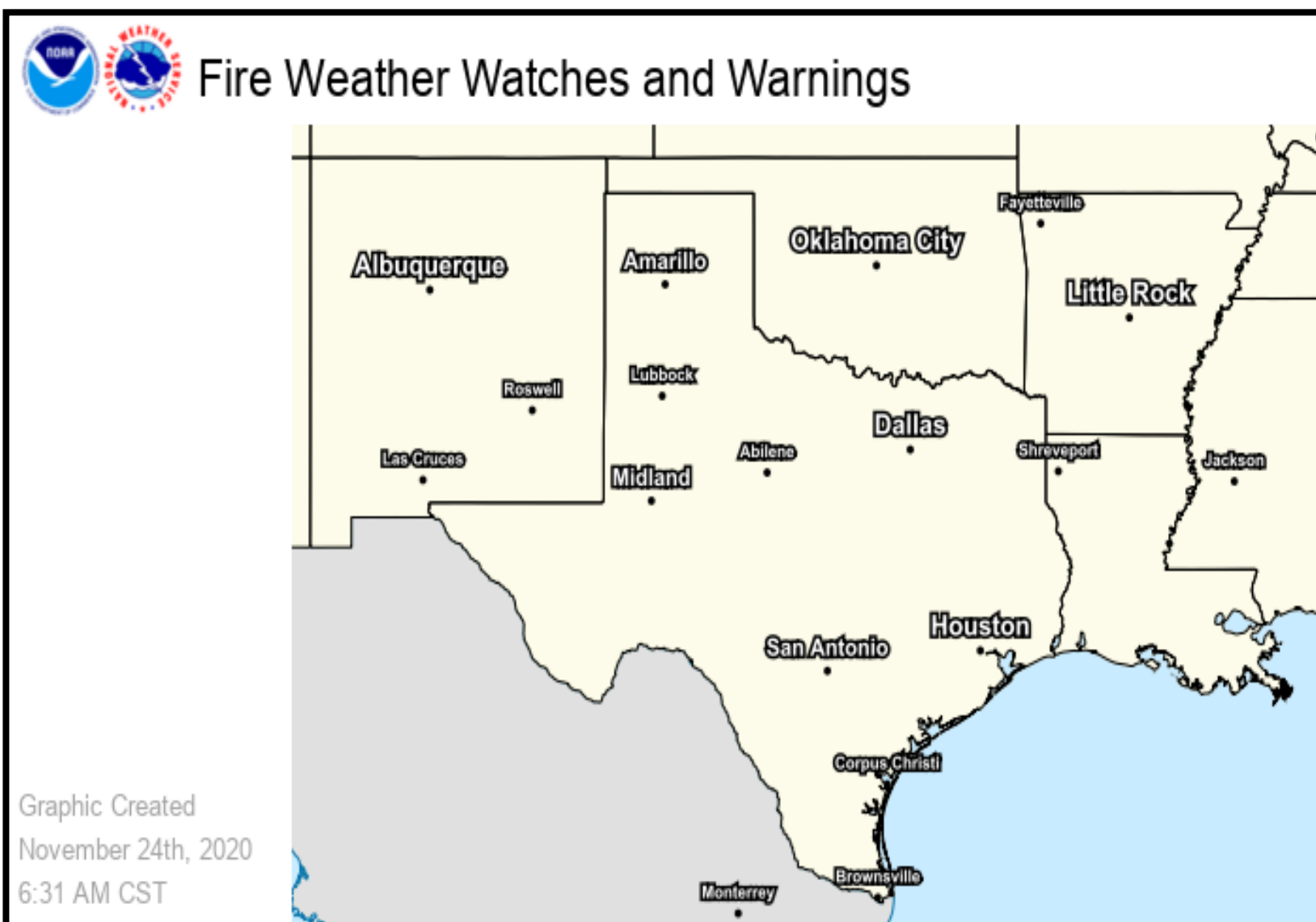


Isolated strong/severe thunderstorms possible across AR into NTX/N LA. Damaging winds should be the main threat, but a couple tornadoes and marginally severe hail are also possible.

Fire Weather Outlooks



SR ROC
REGIONAL OPERATIONS CENTER

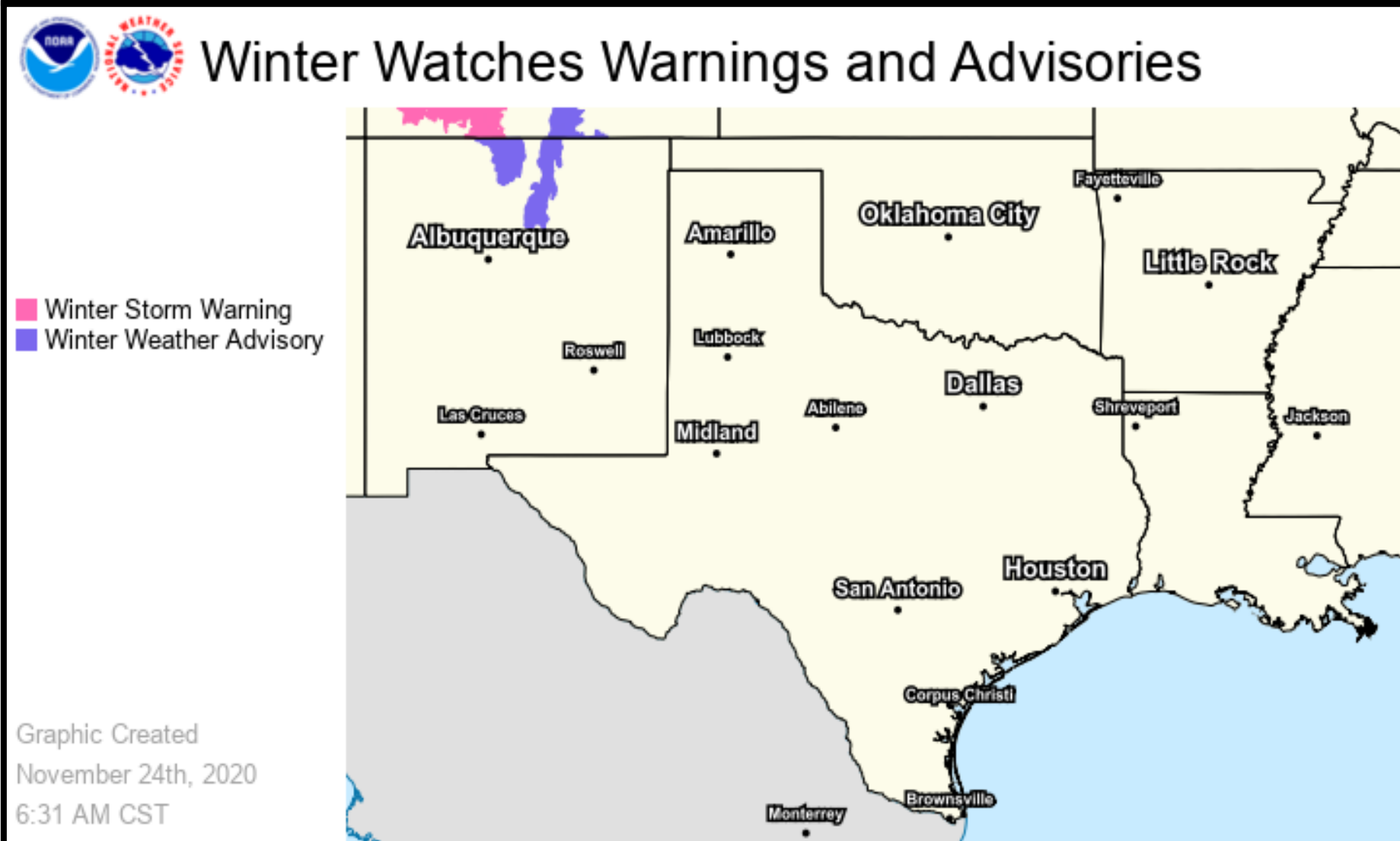
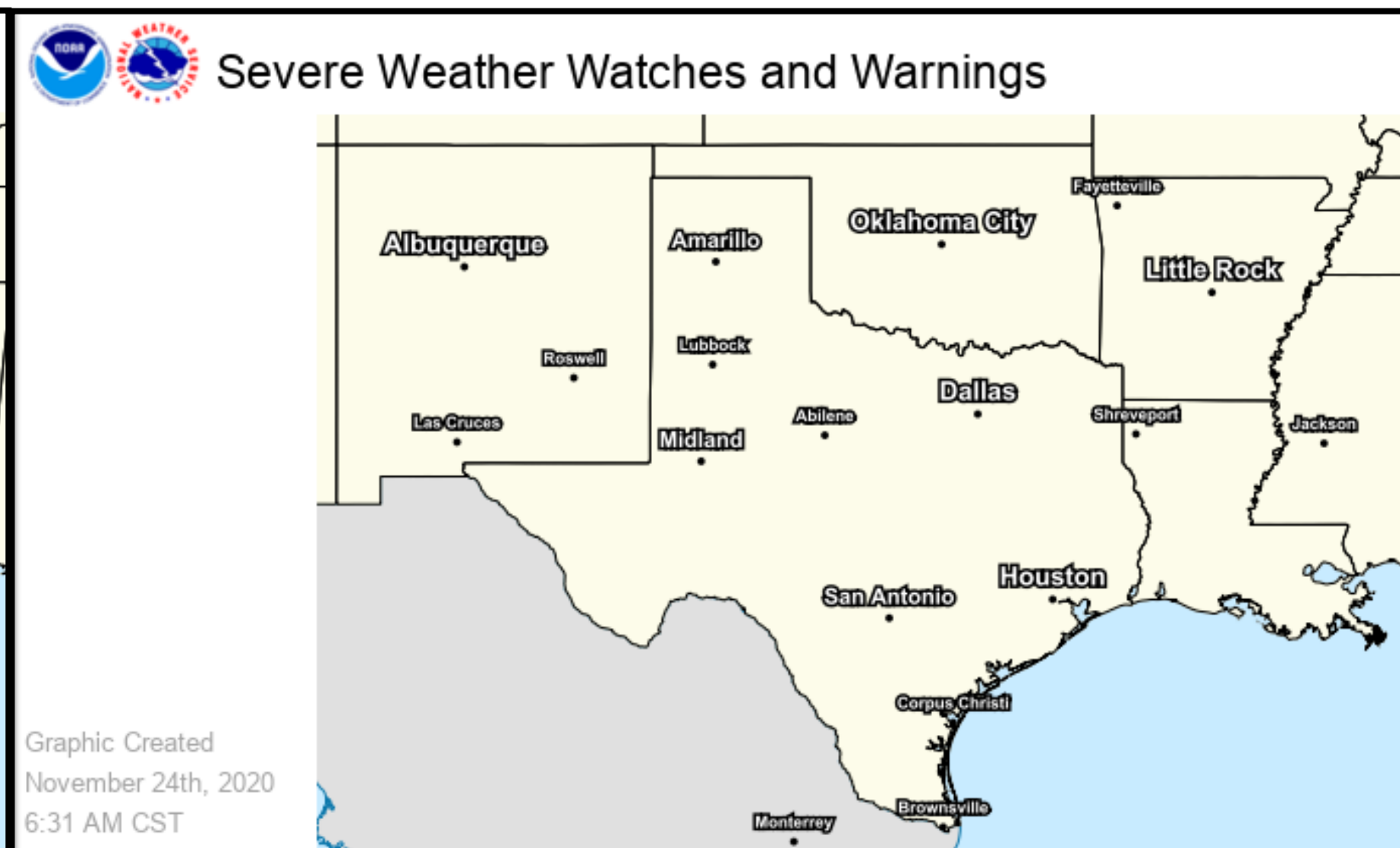
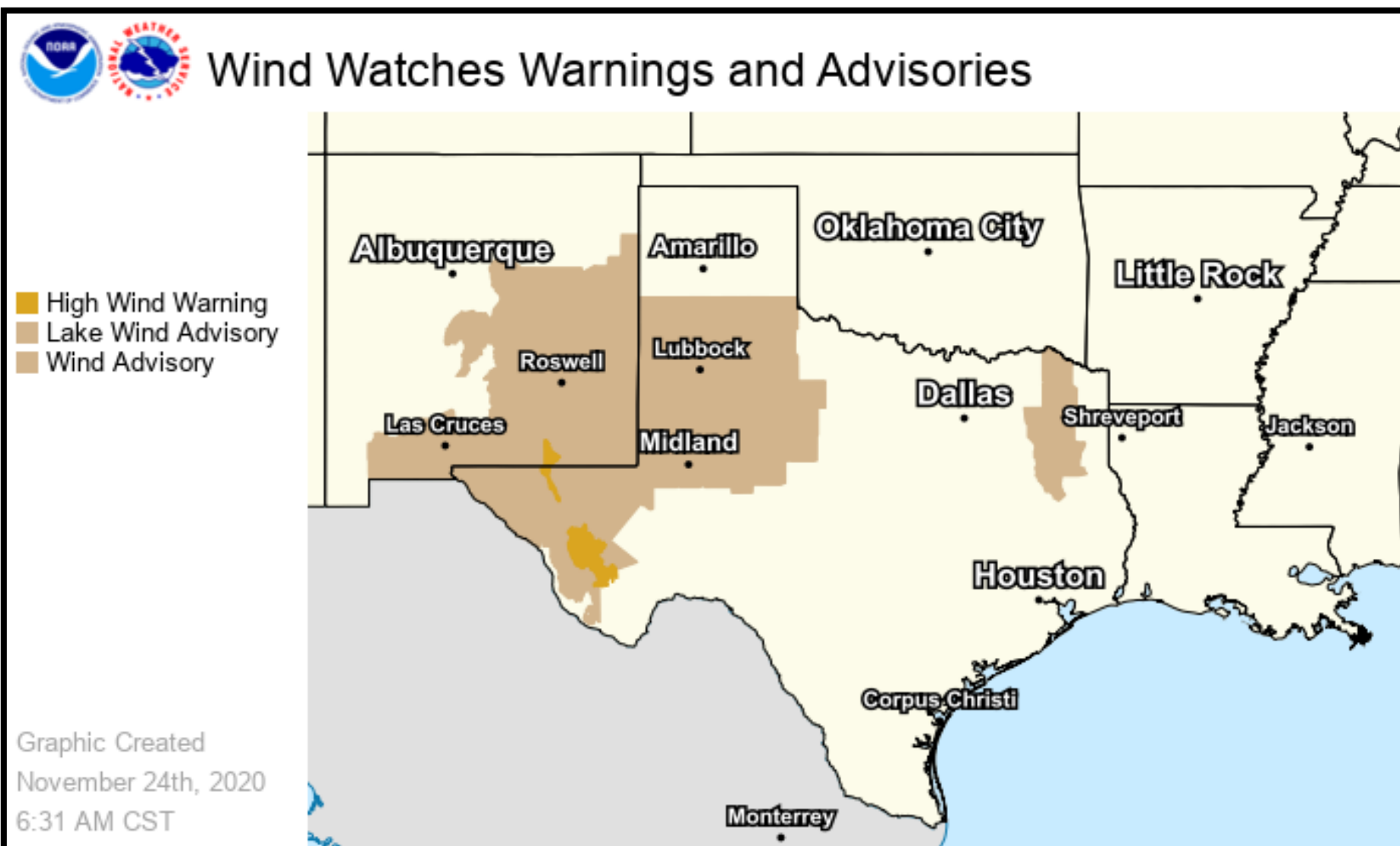


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



SR ROC
REGIONAL OPERATIONS CENTER



Winter Weather Advisory in effect for portions of the Northern Mountains of NM until 5pm MST Tuesday. Plan on slippery road conditions and periods of low visibility.

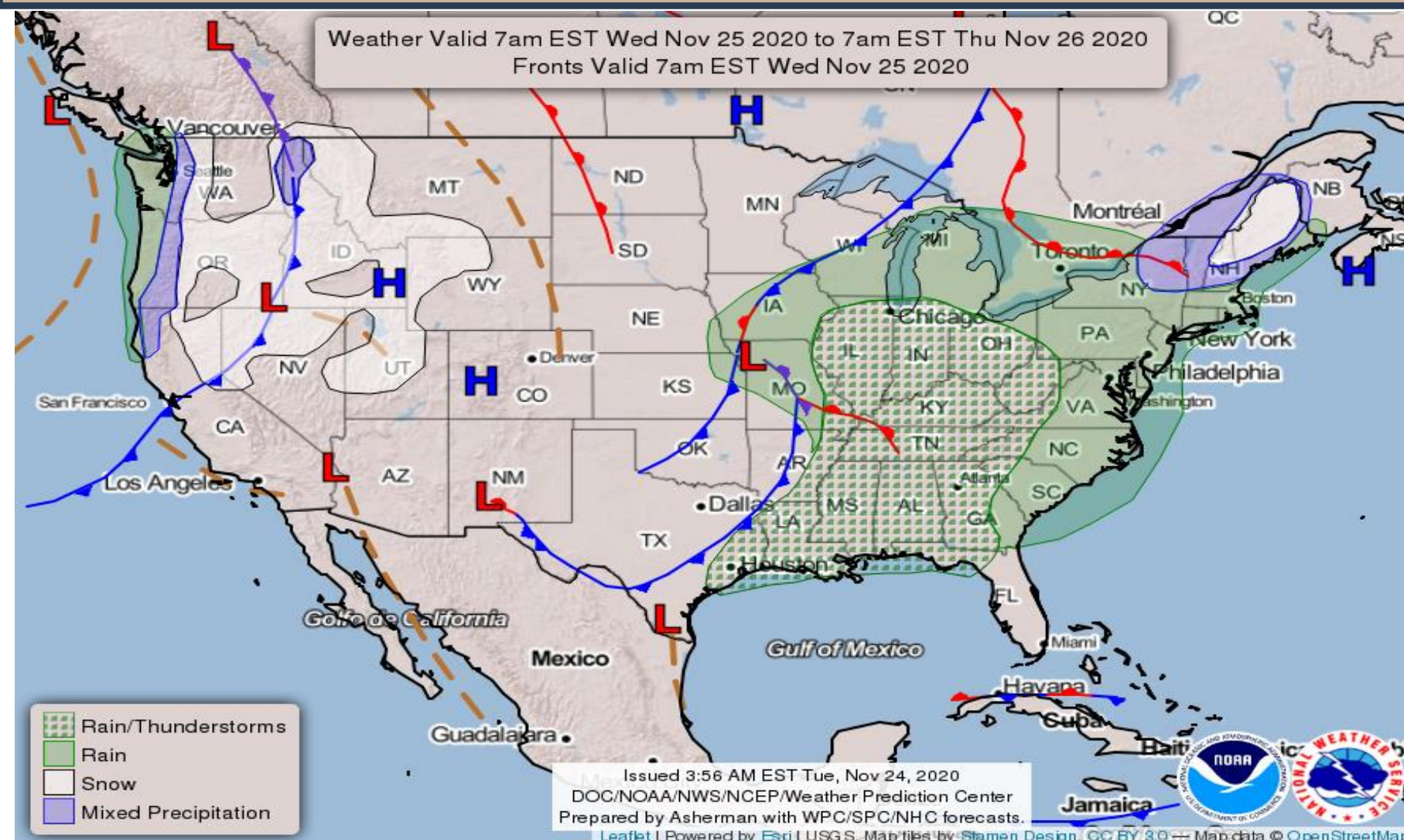
Wind Advisories in effect for much of southern and eastern NM into WTX through this evening. Some power outages possible, strong crosswinds on north/south roadways could make travel difficult, and blowing dust may result in lower visibilities.

Tomorrow's Weather

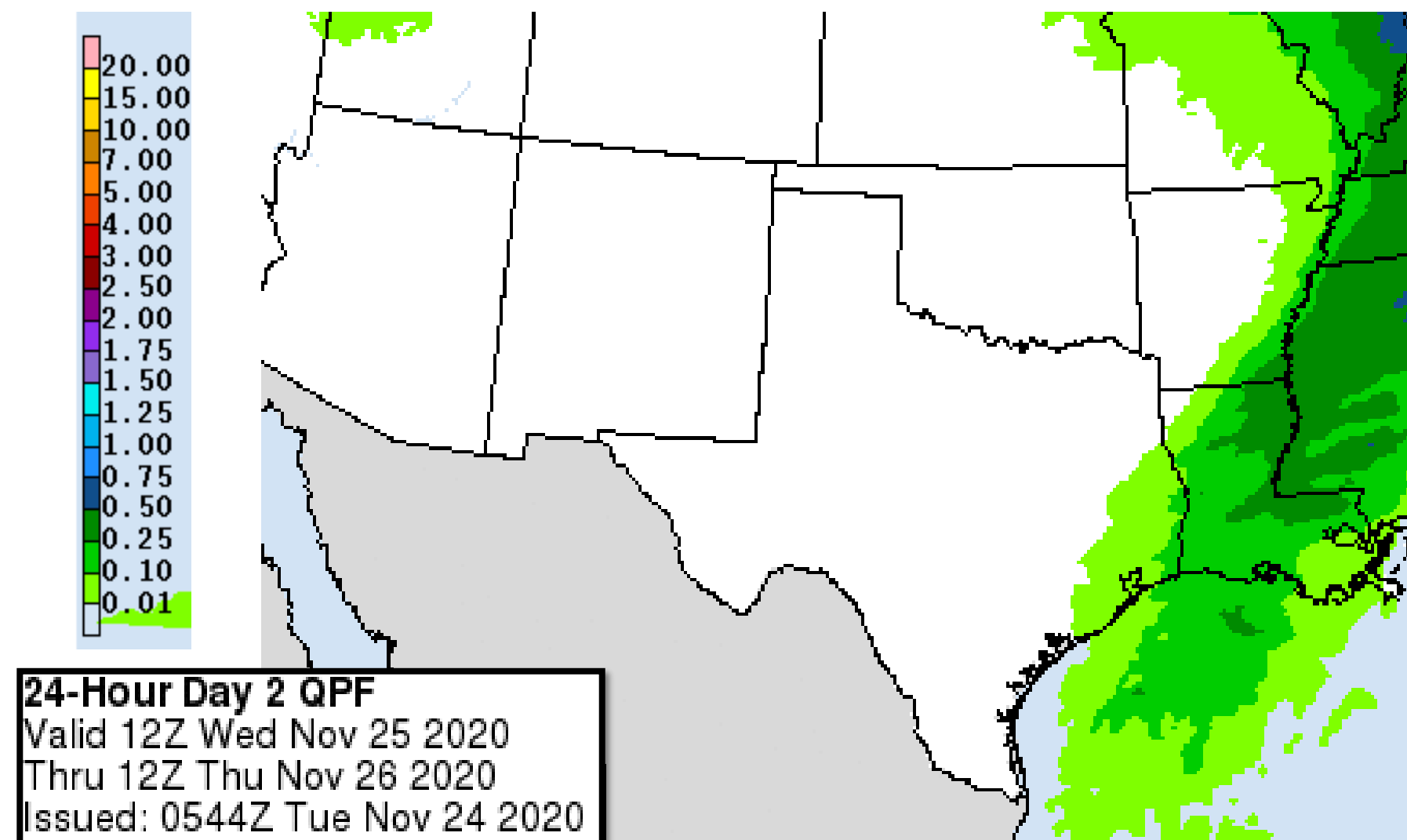


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

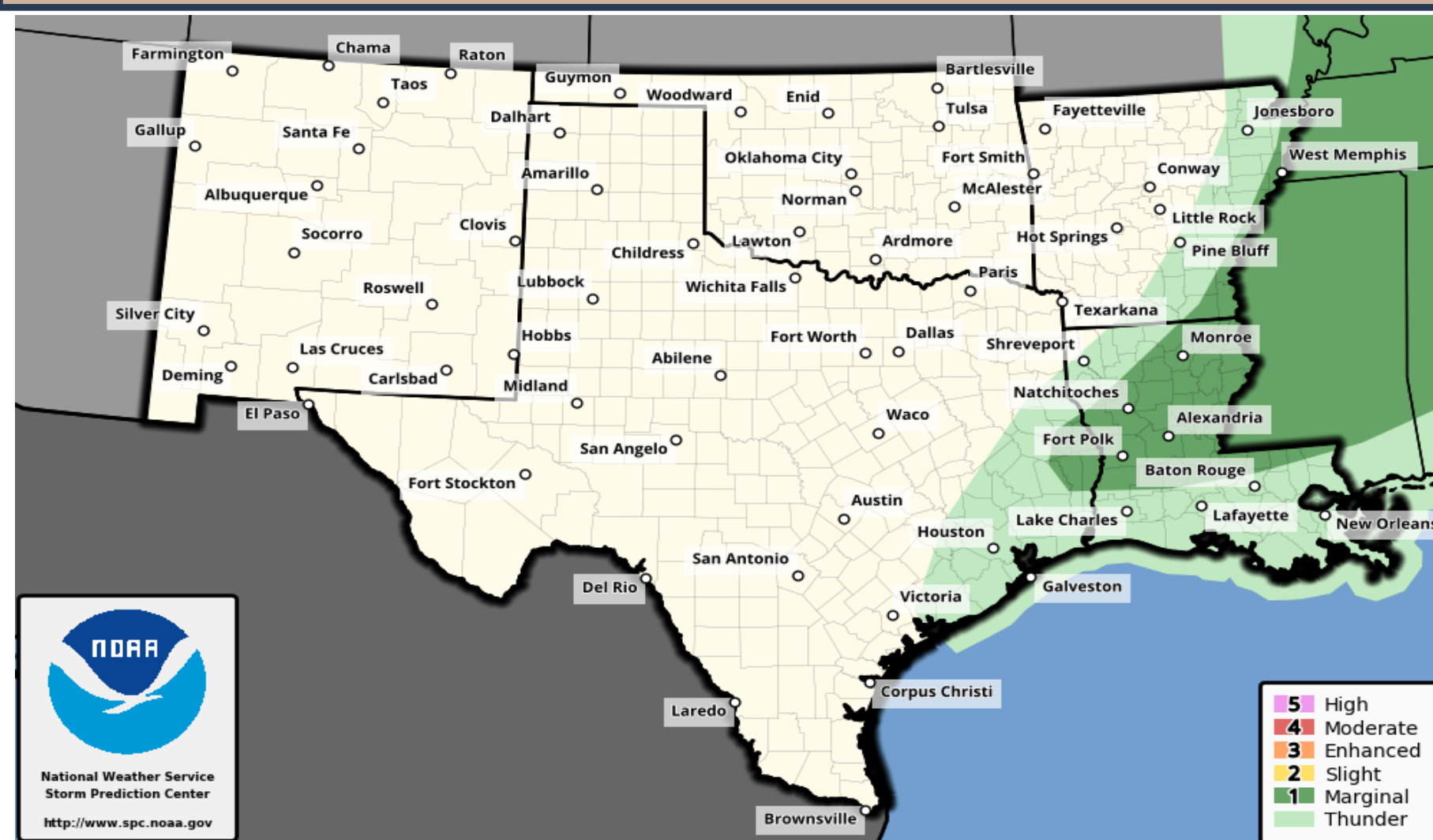


Forecast Rainfall

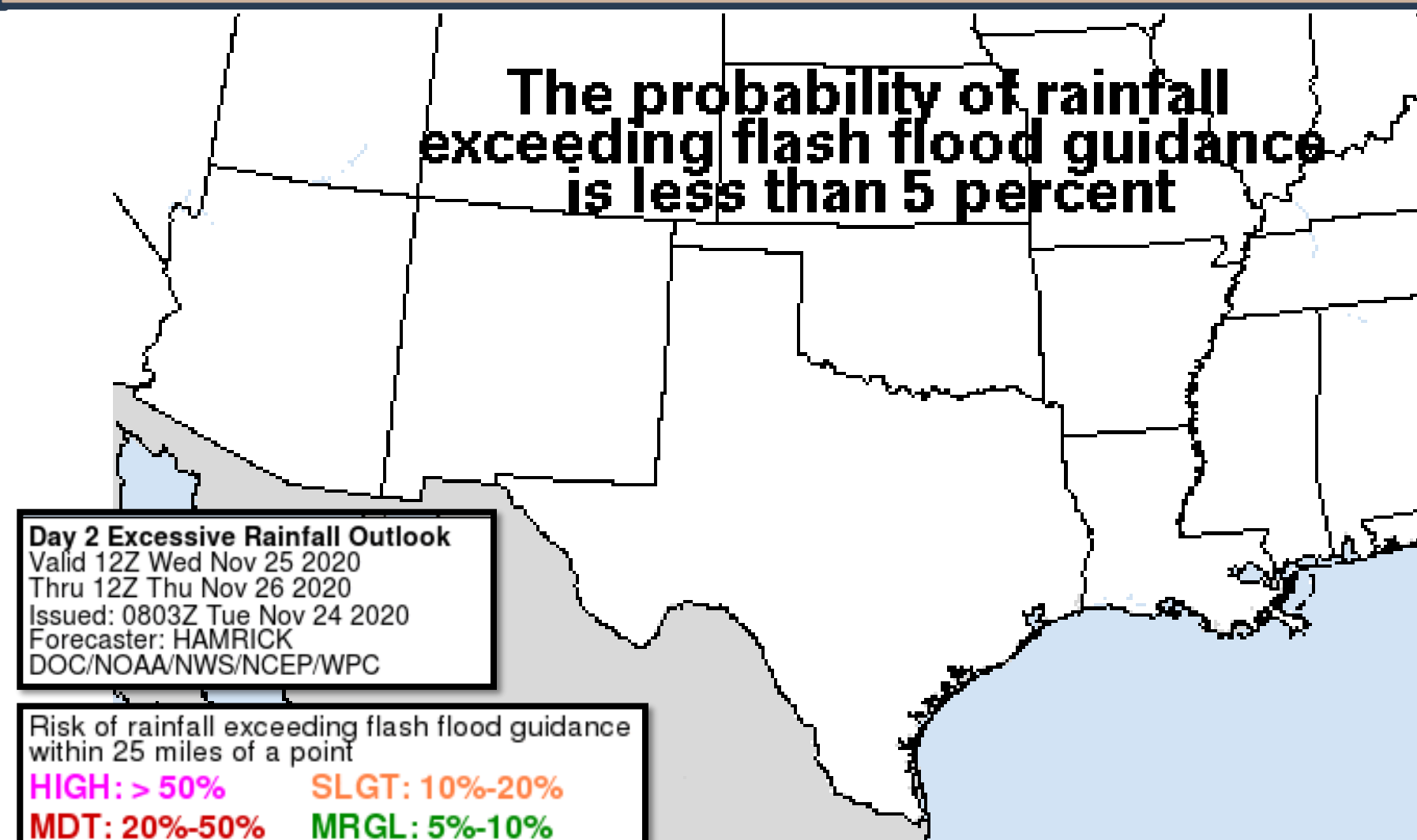


Isolated strong/severe thunderstorms possible across much of northern and central LA into ETX/E AR. Damaging winds should be the main threat, but a couple tornadoes are also possible.

Severe Weather Outlook

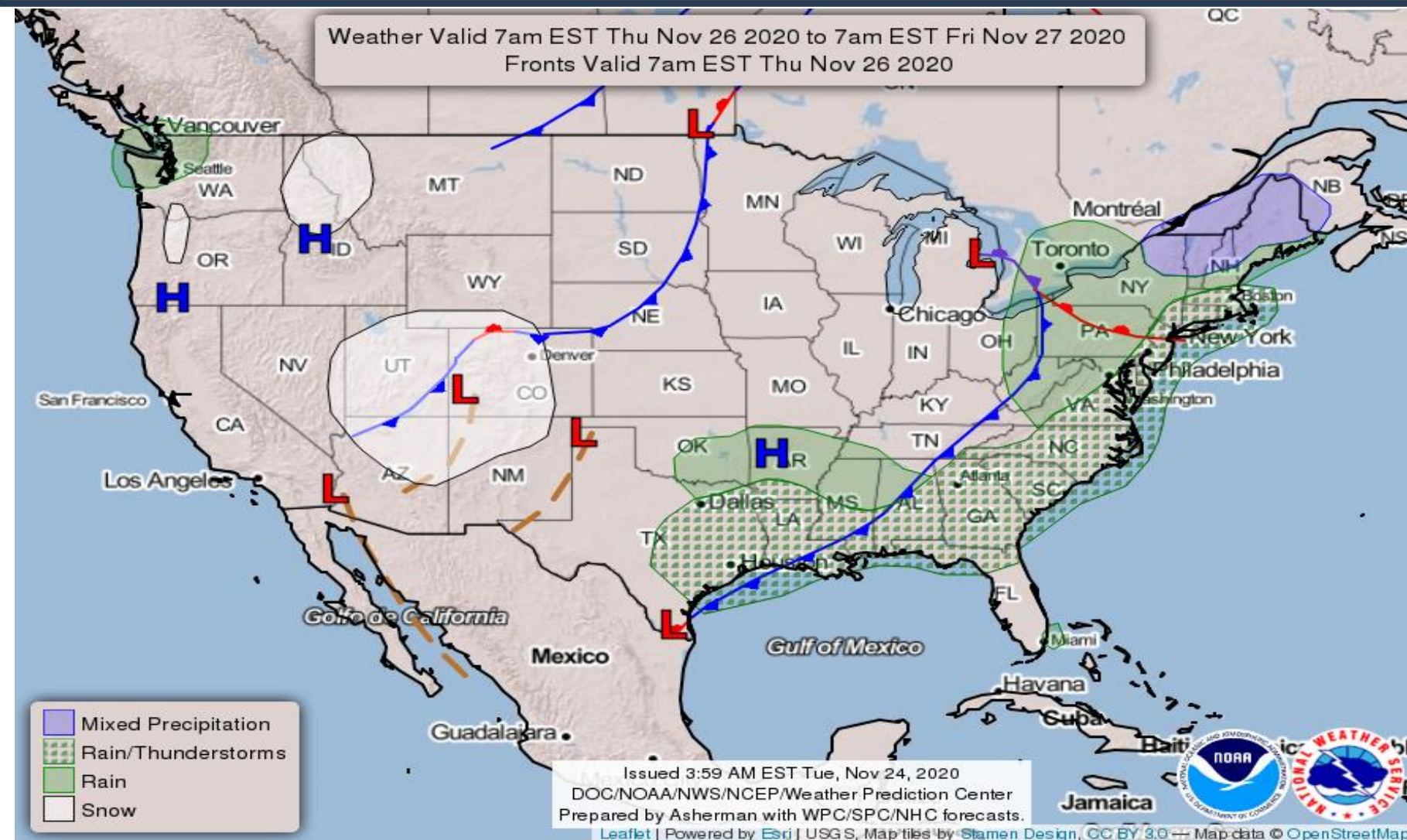


Excessive Rainfall Outlook

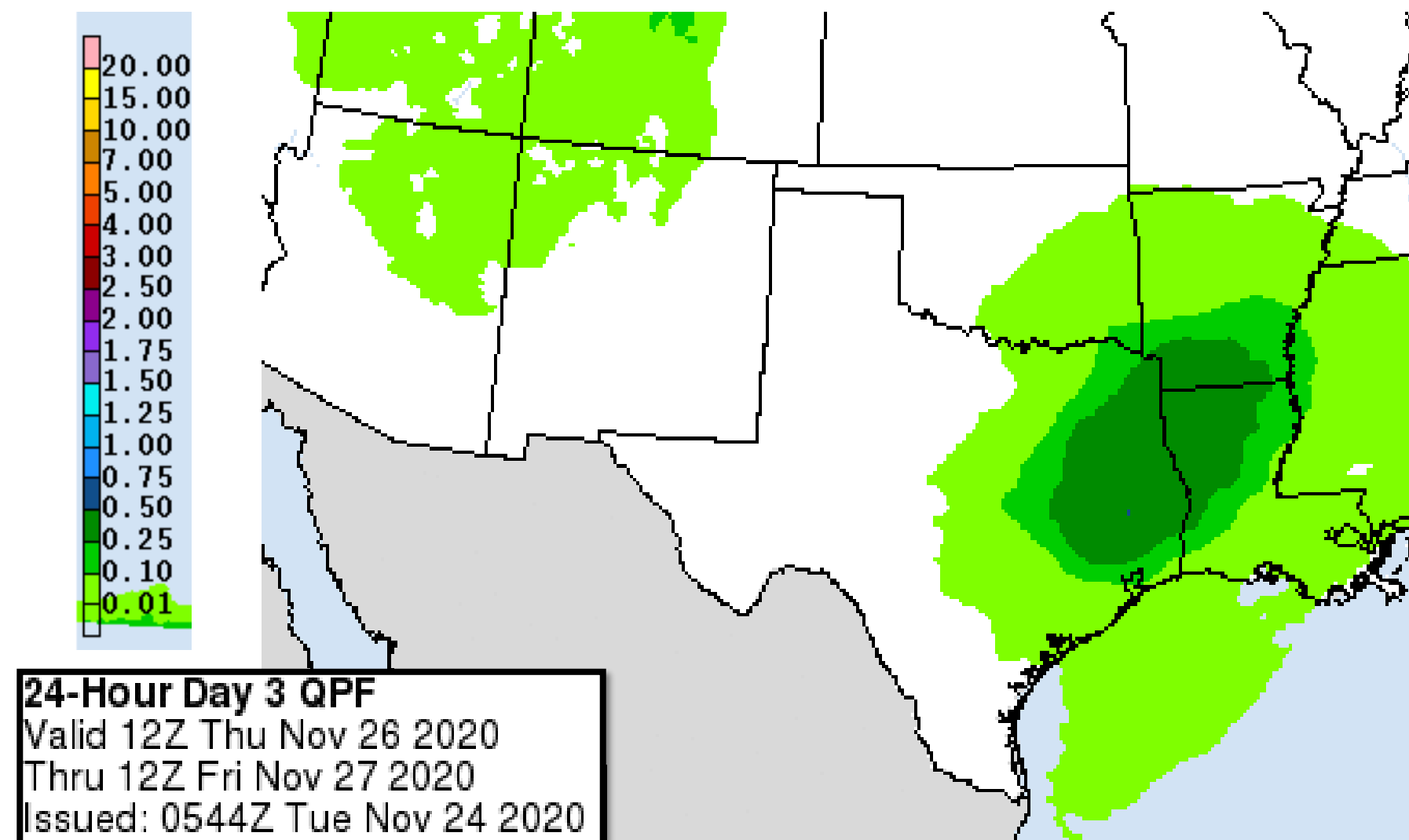


Thursday's Weather

Forecast Chart

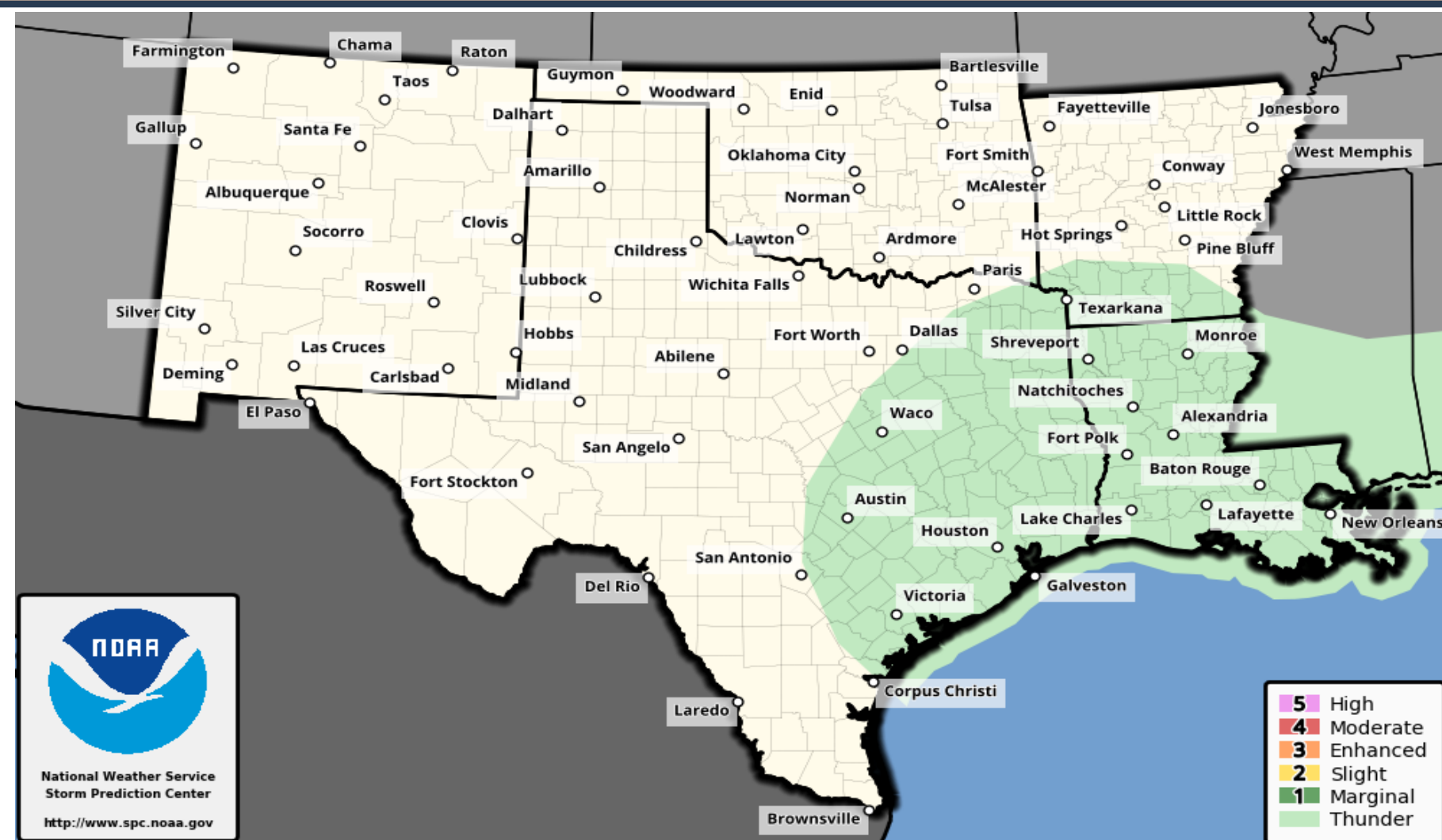


Forecast Rainfall

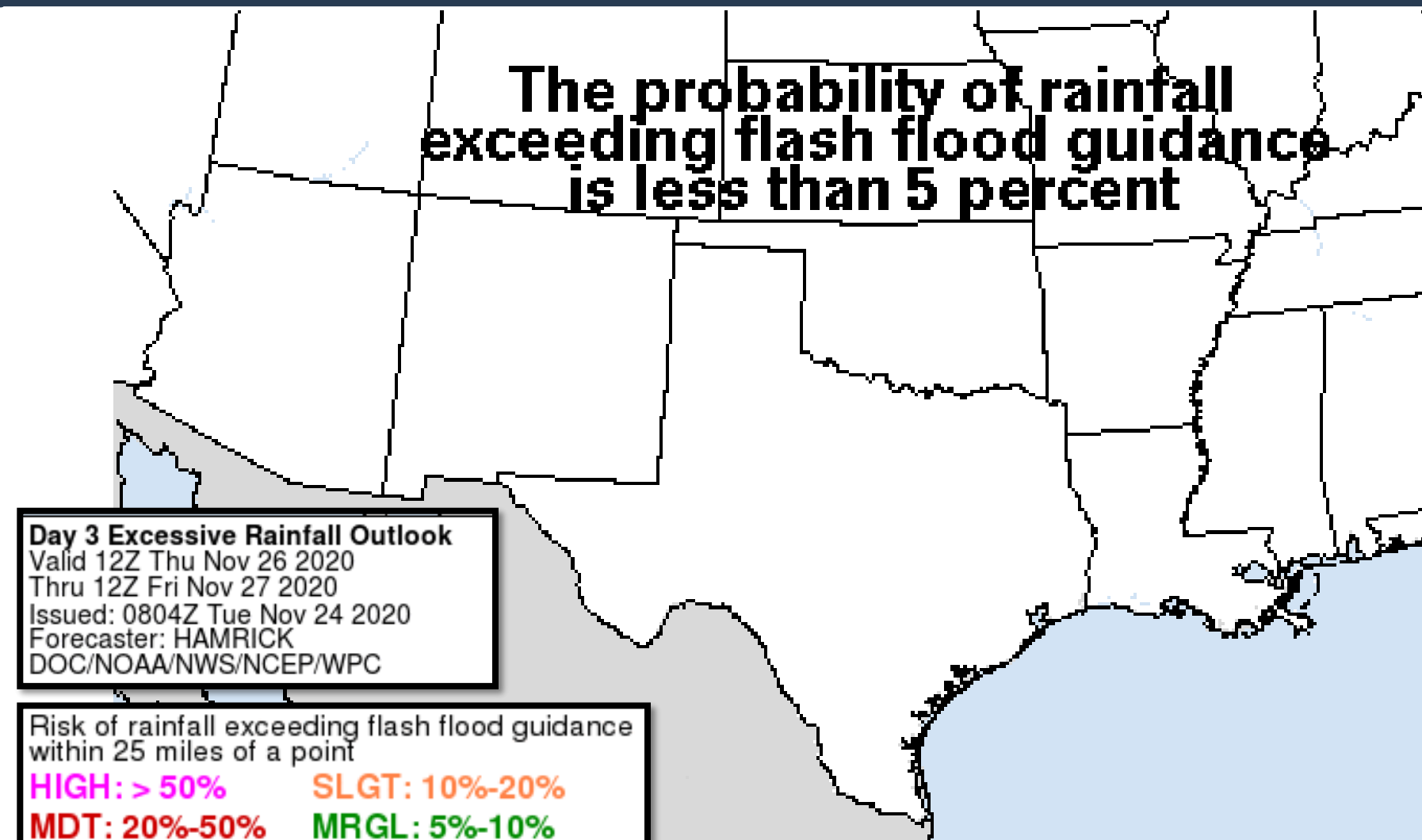


No significant weather impacts expected.

Severe Weather Outlook



Excessive Rainfall Outlook



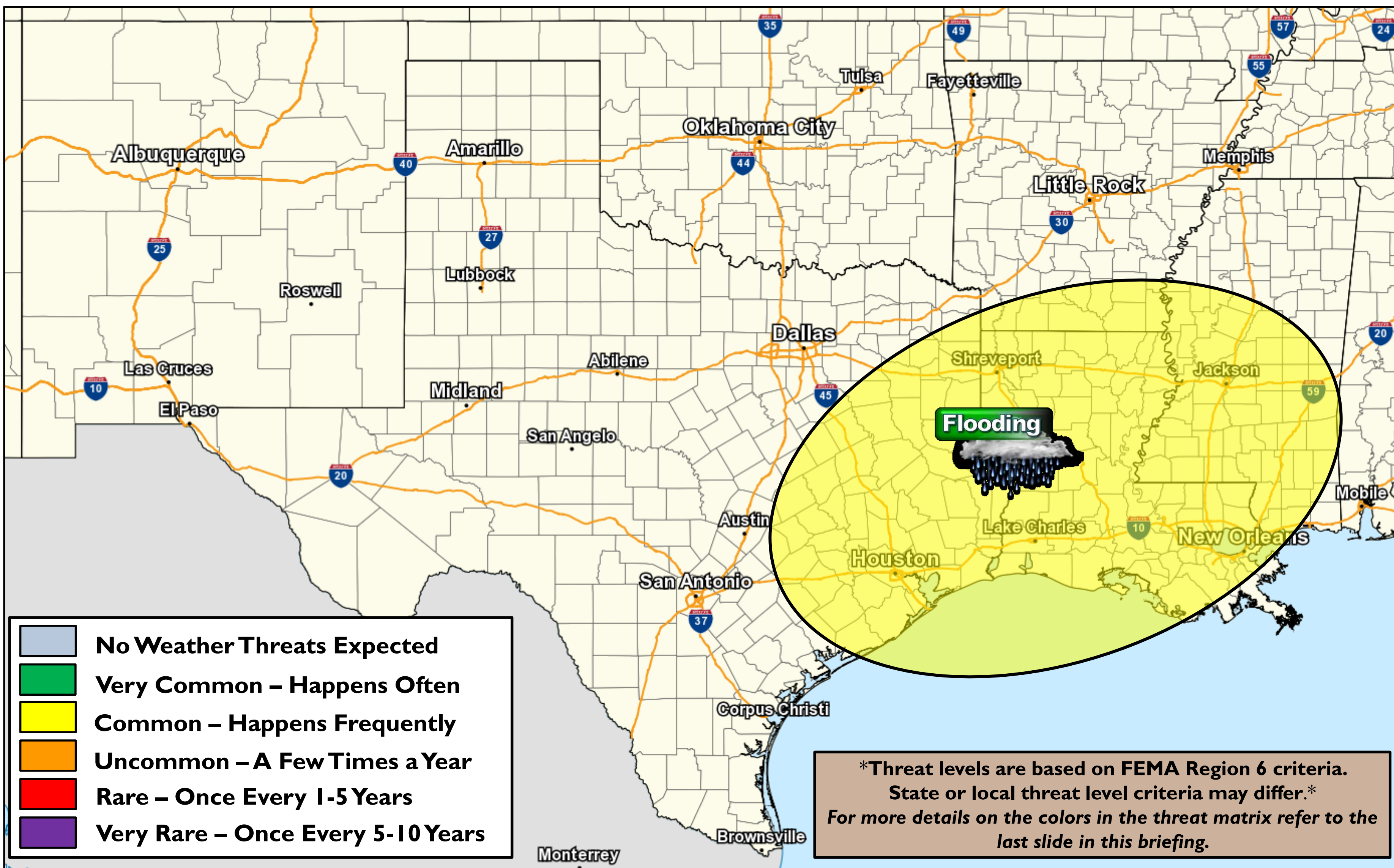
Days 4-5 Weather Hazards

Friday - Saturday



SR ROC
REGIONAL OPERATIONS CENTER

**Heavy rain/flash flooding
possible across
E&SE TX/LA/S AR
Friday into Saturday.**

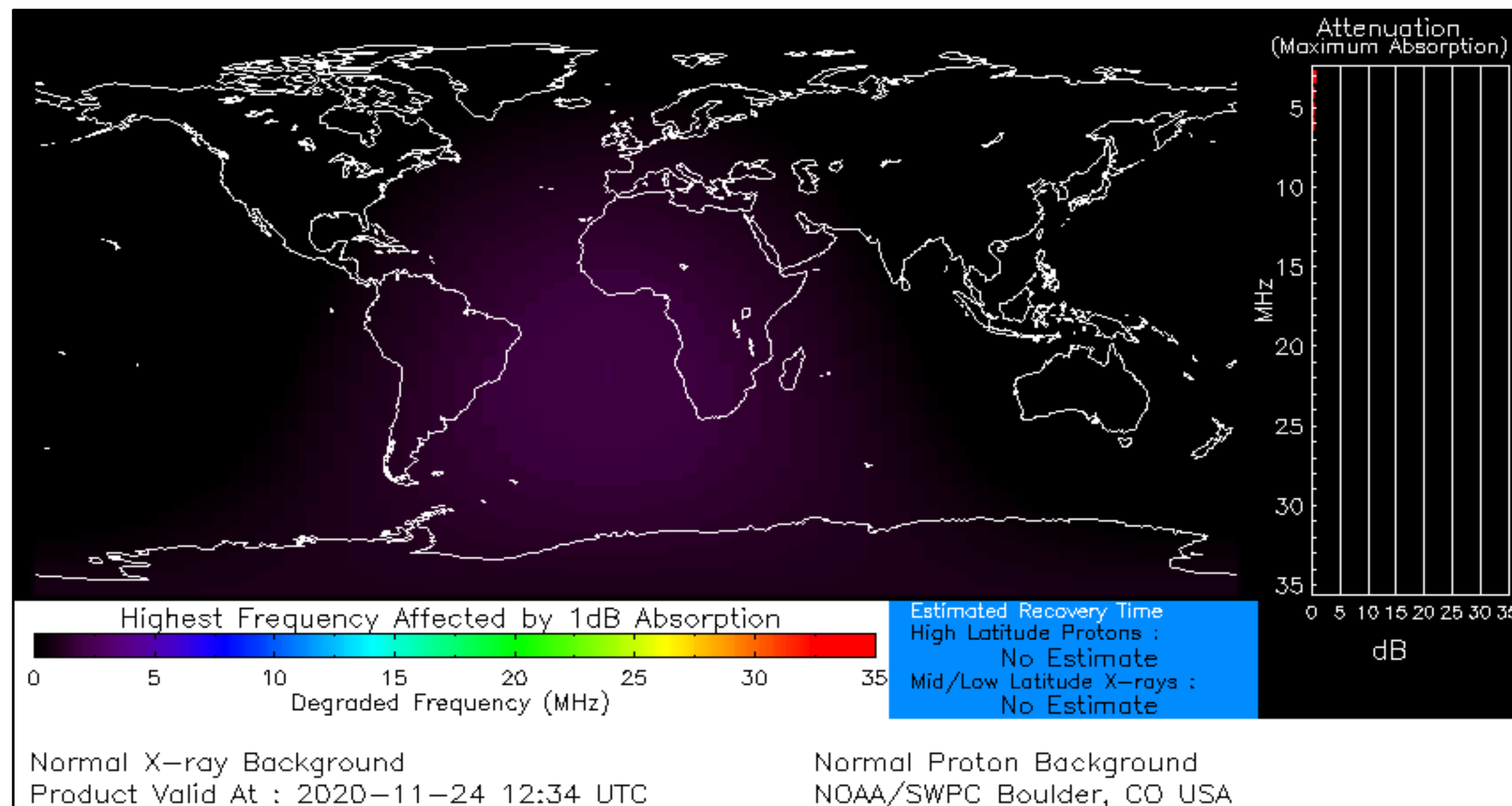


Space Weather 3-Day Forecast



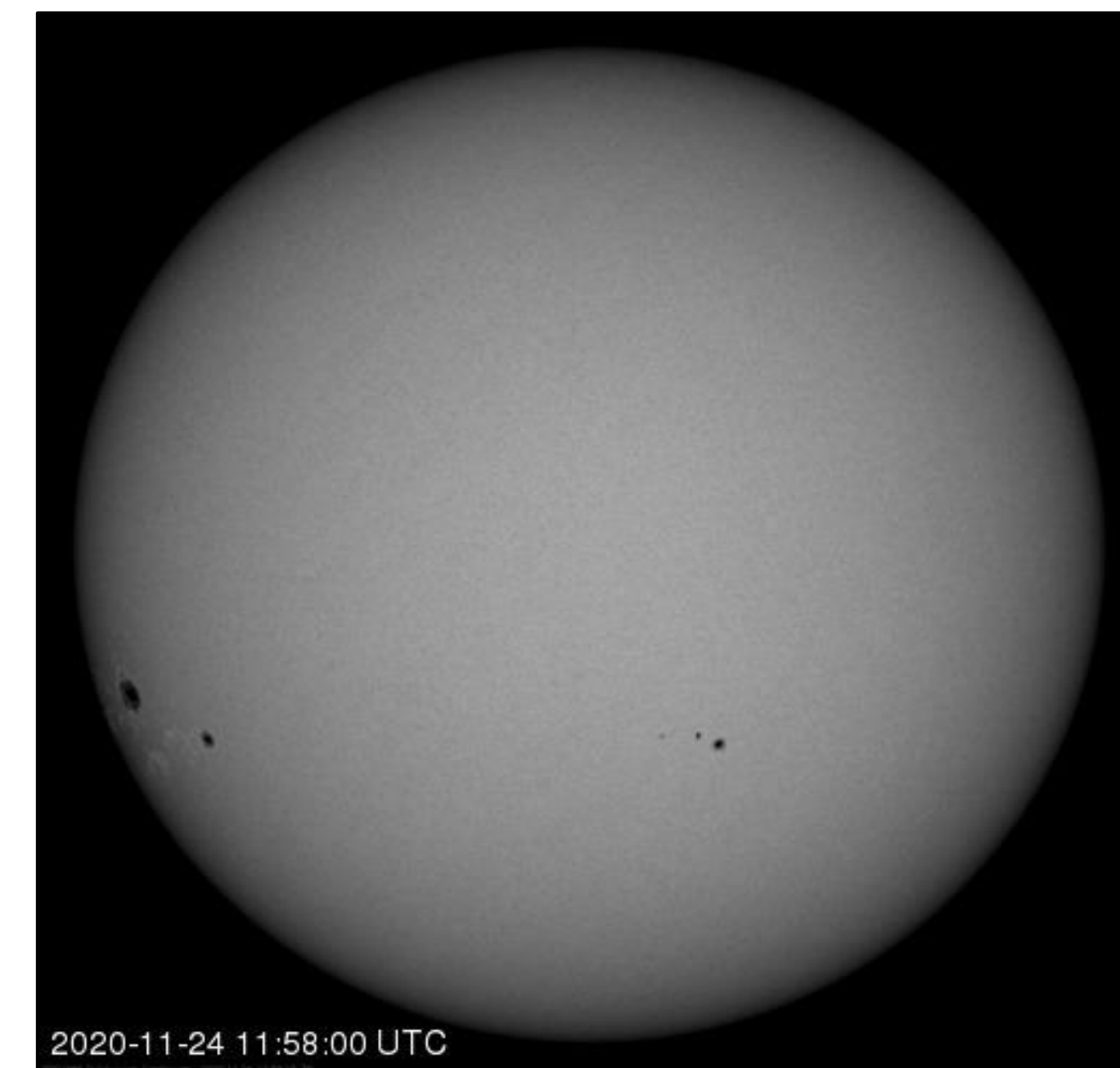
SR ROC
REGIONAL OPERATIONS CENTER

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	15%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov